

MONTHLY NOTICES

OF THE

ROYAL ASTRONOMICAL SOCIETY.

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No. 7

W. H. M. CHRISTIE, M.A., F.R.S., President, in the Chair.

Thomas Dallmeyer, 19 Bloomsbury Street, W.C. ;
 Alfred Robert Johnson, M.A., St. John's College, Cambridge ;
 Reginald Carter Nelson, 19 Roker Terrace, Sunderland ;
 Sir Henry Thompson, M.B., 35 Wimpole Street, W. ; and
 John Walther, M.D., C.M. Edin., West House, Eastbourne,

were balloted for and duly elected Fellows of the Society.

The following candidates were proposed as Fellows of the Society, the name of the proposer from personal knowledge being appended :—

T. Bolton, Calcutta (proposed by Robert Wigglesworth) ;
 Andrew Claude de la Cherois Crommelin, B.A., Trinity College, Cambridge (proposed by Lieut.-Col. G. L. Tupman) ;
 Arthur Herbert Leahy, M.A., Pembroke College, Cambridge (proposed by H. H. Turner) ; and
 Samuel Maitland Baird Gemmill, 9 Gower Street, Kelvinside, Glasgow (proposed by the Rev. A. Henderson).

Regulations for the Library.

The works in the Library are available for the use of the Fellows, with the exception of the following, which may not be taken out without special permission of the Council :—

Manuscripts.

Original drawings and photographs.

Printed books of earlier date than 1500.

Maps and charts.

E E

Royal Society Catalogue of Scientific papers.

Dictionaries.

Nautical Almanac

Connaissance des Temps

Berliner Astronomisches Jahrbuch

Washington Ephemeris

British Association Catalogue

Lalande's Catalogue

Lacaille's Catalogue

Stone's Cape Catalogue

Gould's Catalogues

} except duplicates.

Total Solar Eclipse Committee.

At a meeting of the above Committee, appointed by the Council of the R.A.S., the following resolution was passed:—

That the Council be requested to move the President to notify to the Fellows generally the constitution of this Committee, and to mention its objects of—

(1) Bringing into communication with each other gentlemen willing to observe eclipses.

(2) Becoming a centre of information for intending observers.

Note on the Total Solar Eclipse of 1889, December 21–22.

By J. R. Hind, LL.D., F.R.S.

In the second of the two total eclipses of the Sun occurring in the year 1889, although the track of the central line where duration of totality is longest is across the Atlantic, observations will be obtainable at three points in its course where the Sun will have an altitude of more than ten degrees.

First, at the southern extremity of the island of Trinidad, at Point Icacos, where the circumstances are:

h m s
Totality begins Dec. 21 at 19 6 27 local M.T.

Duration of totality 1 46

Sun's altitude, 12°.

Next, at Cayenne, in French Guiana, where

h m s
Totality begins Dec. 21 at 19 51 23 local M.T.

Duration of totality 2 3

Sun's altitude, 24°.